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y138c11.y5 Soares breast 3NbHBst Homo sapiens cDNA clone HAGE:160532 5' similar to SW:CP4B_RABIT P15128 CYTOCHROME P450 4B1 A1820775
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This read has been verified (found to hit its original self in the
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Onpublished (1997)
OtherErsus; yll3Gcll.x5
Contacts: Robert Strausberg, Ph.D.
Email: cgapbs-rémail.nih.gov
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (infedimage.llnl.gov) for further information.
This read is a RESEQUENCE of a previously sequenced human clone original clone citation: see original entry for original citation
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostoml;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (Dases 1 to 548)
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National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
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Pred. No. 1.1e-87;
0; Mismatches 20; Indels
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94.4%;
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B1772715 844 bp mRNA linear EST 25-SEP-2001 603053211F1 NIH_MGC_122 Homo sapiens cDNA clone IMAGE:5202795 5',
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 844)
NIH-MGC http://mgc.ncl.nih.gov/.
NIH-MGC http://mgc.ncl.nih.gov/.
Onpublished (1999)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-rémail.nih.gov
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Pred. No. 1.2e-87;
0; Mismatches 20; Indels
                                                                 /organism-"Homo sapiens"
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/db_xref="taxon:9606"
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/clone=lib="Soares breast 3NbHBst"
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Std Error: 0.00
Insert Length: 870 Std Error:
Seq primer: -40RP from Gibco
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Location/Qualifiers
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/organism="Homo
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Matches 334; Conservative
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/db_xref="taxon:9666"
/db_xref="IAAGE:52027995"
/clone_11b="NHF_MGC_122"
/lab_host="DB10B"
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cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Incyte Genomics, Inc.
Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov column: 04
High quality sequence stop: 839.
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Pred. No. 1.6e-83;
O; Mismatches 150;
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Matches 399; Conservative
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BI147726 834 bp mRNA linear EST 05-JUL-2001 602912992F1 NCI_CGAP_L19 Mus musculus cDNA clone IMAGE:5053895 5',
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Sciurognathi; Muridae; Murinae; Mus
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/clone="IMAGE:5053895"
/clone=llb="NCI_CGAP_L19"
/clone_llb="NCI_CGAP_L19"
/lab_host="lorgan: liver; Vector: pCNV-SPORT6; Site_l: NotI;
Site_2: SalI; Cloned unidirectionally. Primer: Oligo draverage insert size 1.9 kb. Constructed by Life
average insert size 1.9 kb. Constructed by Life
a 231 c 178 g 220 t
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Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
http://image.llnl.gov
High quality sequence stop: 831.
Location/Qualifiers
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NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC) Unpublished (1999)
Contact: Robert Strausberg, Ph.D.
Email: cgapba-rémail.nih.gov
Tissue Procurement: Jeffrey E. Green, M.D.
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Pred. No. 5.1e-79;
0; Mismatches 231; Indels 6;
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                                                                                                               BI147726.1 GI:14607727
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Best Local Similarity 65.5%;
Matches 449; Conservative (
                                                          mRNA sequence.
BI147726
                                                                                                                                                                                                        Mus musculus
                                                                                                                                                                          house mouse
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241 CCCTTGTGGGGTTGGACCCTTTACGATGTTCTTCAGTGTCCATGACCCAGACTATGCCAAG GTTGGTCGAGGACTTGTGACCCTGGATGGTTCTAAATGGAAAAAGCACCGCCAGATTGTG CAACATGTCTCCCCGATGATGACCCTGGACAGCATCATGAAGTGTGCCTTCAGCCACCAGGGC TCTCAAGGCCAAATCTTTCTAAATTTAACCAAGAACTTCATCAGTTCACAGAGAAAGTA CCCTTGTGGGGTTGGACCCTTTACGATGTTCTTCAGTGTCCATGACCCAGACTATGCCAAG ATTCTCCTGAAAAGACAAGATCCCAAAAGTGCTGTTAGCCACAAAATCCTTGAATCCTGG GTTGGTCGAGGACTTGTGACCCTGGATGGTTCTAAATGGAAAAAGCACCGCCAGATTGTG CAACATGTCTCCCTGATGACCCTGGACAGCATCATGAAGTGTGCCTTCAGCCACCAGGGC AGCATCCAGTTGGACAGTACCCTGGACTCATACCTGAAAGCAGTGTTCAACCTTAGCAAA 1 ATGGAGCCCTCCTGGCTTCAGGAACTCATGGCTCACCCCTTCTTGCTGCTGATCCTCCTC ATGGAGCCCTCCTGGCTTCAGGAACTCATGGCTCACCCCTTCTTGCTGCTGATCCTCCTC Gaps ö Length 1518; APPLICANT: Glucksmann, Maria Alexandra
TITLE OF INNENTION: 33312, 33303, 32579, NOVEL HUMAN
TITLE OF INVENTION: CYTOCHROME P450 FAMILY MEMBERS AND USES '
FILE REFERENCE: 10448-13601
CURRENT APPLICATION NUMBER: US/10/067,668
CURRENT FILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 60/266,140
PRIOR PLING DATE: 2001-02-02
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FASTSEQ for Windows Version 4.0 Indels DB 9; 1; 0; Mismatches Score 1516.4; Pred. No. 0; Query Match 99:9%; Best Local Similarity 99:9%; Matches 1517; Conservative Homo sapiens LENGTH: 1518 US-10-067-668-3 601 61 61 121 121 181 181 241 301 301 361 361 421 421 481 481 541 541 601 721 DNA SEQ ID NO 3 ORGANISM: 셤 셤 ò 셤 à g ò 셤 à 셤 ð 셤 à 요 à ద ò ద à 셤 à 용 ò 셤 ö à 1380 1260 1320 1496 1016 1080 836 780 840 900 960 716 99 720 896

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> Sequence 3, Application US/10067668 Publication No. US20030022334A1 GENERAL INFORMATION: MESULT 5/ US-10-067-668-3

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Pred. No. 0;
0; Mismatches
        PRIOR APPLICATION NUMBER: 09/862,658
PRIOR FILING DATE: 2001-05-21
PRIOR FILING DATE: 2001-05-21
PRIOR FILING DATE: 2001-05-21
PRIOR FILING DATE: 2001-05-21
PRIOR FILING DATE: 2000-05-19
PRIOR FILING DATE: 2000-05-19
PRIOR FILING DATE: 2000-05-19
PRIOR FILING DATE: 2001-06-15
PRIOR FILING DATE: 2001-06-15
PRIOR FILING DATE: 2001-06-15
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PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
SEQ ID NOS: 31
SEQ ID NOS: 31
SEQ ID NOS: 31
                                                                                                                                                                                                                                                                                               99.9%;
99.9%;
FILING DATE: 2000-03-31
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Best Local Similarity 99.9
Matches 1517; Conservative
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Publication No. US20030092658A1
GENERAL INFORMATION:
APPLICANT: Glucksmann, Maria Alexandra
APPLICANT: Rudolph-Owen, Laura A.
TITLE OF INVENTION: NOVEL HUMAN ENZYME FAMILY MEMBERS AND USES THEREOF
FILE REFERENCE: 10448-193001
CURRENT APPLICATION NUMBER: US/10/175,696
CURRENT PILING DATE: 2002-06-20
PRIOR FILING DATE: 2002-06-20
PRIOR PLING DATE: 2001-02-02
PRIOR PLING DATE: 2001-02-02
PRIOR PLING DATE: 2001-03-30
PRIOR PLING DATE: 2001-03-30
PRIOR PLING DATE: 2001-04-02
PRIOR PLING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: 09/823,901
PRIOR APPLICATION NUMBER: 90/823,901
PRIOR APPLICATION NUMBER: 60/193,920
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APPLICANT: Watanabe, Colin L.
APPLICANT: Watanabe, Colin L.
APPLICANT: Watanabe, Colin L.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3530PIC79
CURRENT APPLICATION NUMBER: US/10/227,884
CURRENT FILING DATE: 2002-08-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Baker, Kevin P.
APPLICANT: Desnoyers, Luc
APPLICANT: Geritzen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 29, Application US/10227884 Publication No. US20030027988A1 GENERAL INFORMATION:
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Smith, Victoria
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US-10-227-884-29
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APPLICATION NUMBER: 60/063549 FILING DATE: 1997-10-28 APPLICATION NUMBER: 60/064103 APPLICATION NUMBER: 60/059113 FILING DATE: 1997-09-17 APPLICATION NUMBER: 60/062287 APPLICATION NUMBER: 60/078910 APPLICATION NUMBER: 60/079656 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081955 FILING DATE: 1998-05-13 APPLICATION NUMBER: 60/085579 FILING DATE: 1998-05-15 APPLICATION NUMBER: 60/069873 60/079728 APPLICATION NUMBER: 60/081819 APPLICATION NUMBER: 60/089905 FILING DATE: 1998-06-18 APPLICATION NUMBER: 60/090472 60/086392 FILING DATE: 1998-05-22 APPLICATION NUMBER: 60/089532 APPLICATION NUMBER: 60/089538 FILING DATE: 1998-08-10 APPLICATION NUMBER: 60/096146 FILING DATE: 1998-08-11 APPLICATION NUMBER: 60/096791 FILING DAFE: 1998-08-17 APPLICATION NUMBER: 60/097986 FILING DATE: 1998-08-26 FILING DATE: 1998-08-31
APPLICATION NUMBER: 60/099596
APPLICATION NUMBER: 60/099598
APPLICATION NUMBER: 60/099598 60/082804 APPLICATION NUMBER: 60/085323 FILING DATE: 1998-08-04 APPLICATION NUMBER: 60/095318 FILING DATE: 1998-08-04 APPLICATION NUMBER: 60/095916 APPLICATION NUMBER: 60/090557 FILING DATE: 1998-06-24 APPLICATION NUMBER: 60/090691 FILING DATE: 1998-06-25 APPLICATION NUMBER: 60/091982 PLICATION NUMBER: 60/095302 FILING DATE: 1998-09-09 APPLICATION NUMBER: 60/099803 APPLICATION NUMBER: 60/099811 FILING DATE: 1998-09-10 APPLICATION NUMBER: 60/099812 APPLICATION NUMBER: 60/098544 FILING DATE: 1998-03-20 APPLICATION NUMBER: 60/ FILING DATE: 1998-03-25 1998-03-26 FILING DATE: 1998-05-06 FILING DATE: 1997-10-17 ILING DATE: 1998-06-25 FILING DATE: 1998-09-10 FILING DATE: 1997-10-3 FILING DATE: 1998-03-27 FILING DATE: 1998-04-22 1997-12-1 LING DATE: 1998-06-1 FILING DATE: 1998-06-1 FILING DATE: 1998-06-2 FILING DATE: 1998-04-1 ILING DATE: 1998-07-0 APPLICATION NUMBER: LICATION NUMBER: APPLICATION NUMBER: APPLICATION NUMBER: APPLICATION NUMBER:

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NPLICATION NUMBER: 60/099816
TLING DATE: 1998-09-10
PPLICATION NUMBER: 60/100038
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PPLICATION NUMBER: 60/100385
TLING DATE: 1998-09-15
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ILING DATE: 1998-09-15
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PLICATION NUMBER: 60/100919
LING DATE: 1998-09-17
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ILING DATE: 1998-09-16
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ILING DATE: 1998-09-23
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G DATE: 1998-09-25
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PRICATION NUMBER: 60/11558
TILING DATE: 1999-01-12
                                                                                                                                                                                   LICATION NUMBER: 60/100848
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LING DATE: 1998-09-24
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LING DATE: 1998-10-28
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LING DATE: 1998-10-29
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LING DATE: 1998-11-03
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LICATION NUMBER: 60/108801
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TLING DATE: 1998-11-18
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PLICATION NUMBER: 60/113296
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FILING DATE: 1998-12-23
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APPLICATION NUMBER: 60/115733
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APPLICATION NUMBER: 60/127887
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APPLICATION NUMBER: 60/130232
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APPLICATION NUMBER: 60/131270
FILING DATE: 1999-04-27
FILING DATE: 1998-09-10
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δλ	9	; Sequence 29, Appilo; Publication No. US; GENERAL INFORMATION
qq	657 CAACAIGICICCCIGAIGACCCIGGACAGCAIGAAGIGIGCCTICAGCCACCAGGGC 716	; APPLICANT: Baker,
ογ	601 AGCATCCAGTTGGACAGTACCCTGGACTCATACCTGAAAGCAGTGTTCAACCTTAGCAAA 660	
qα	717 AGCATCCAGTIGGACAGTACCCIGGACTCATACCIGAAAGCAGIGTICAACCTITAGCAAA 776	APPLICANT: APPLICANT:
οy	661 ATCTCCAACCAGGGCATGAACAATTTCTACATCACAACGACCTGGTTTTCAAATTCAGC 720	APPLICANT: APPLICANT:
qq	777 ATCTCCAACCAGGGCATGAACATTTCTACATCACAACGACCGGTTTTCAAATTCAGGC 836	APPLICANT: APPLICANT:
οy	721 TCTCAAGGCCAAATCTTTTCTAAATTTAACCAAGAACTTCATCAGTTCACAGAGAAAGTA 780	APPLICANT: TITLE OF INV
q	837 TCTCAAGGCCAAATCTTTTCTAAATTTAACCAAGAACTTCATCAGTTCACAGAGAAAGTA 896	
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δλ	901 GAAGCAGATCTCCAGGCTGAAGTGAAAACGTTCATGTTTGCAGGACATGACACACAC	PRIOR APPLICATION PRIOR FILING DATE:
셤	1017 GAAGCAGATCTCCAGGCTGAAGTGAAACGTTCATGTTTGCAGGACATGACACCACATCT 1076	; PRIOR APPLICATION ; PRIOR FILING DATE:
Qy	961 ACTGCTAICTCTGGAICCTTTACTGCTTGGCAAAGTACCCTGAGCATCAGCAGAGATGC 1020	; PRIOR APPLICATION ; PRIOR FILING DATE:
ପ୍ଧ	1077 AGIGCIAICICCIGGAICCITIACIGCIIGGCAAAGIACCCIGAGCAICAGCAGAGAIGC 1136	; PRIOR APPLICATION ; PRIOR FILING DATE:
ογ	1021 CGAGATGAAATCAGGGAAACTCCTAGGGGATGGGTCTTCTATTACCTGGGAACACCTGAGC 1080	; PRIOR APPLICATION ; PRIOR FILING DATE:
qq	1137 CGAGATGAAATCAGGGAACTCCTAGGGGATGGGTTCTATTACCTGGGAACACCTGAGC 1196	PRIOR APPLICATION PRIOR FILING DATE:
ογ	1081 CAGATGCCTTACACCACGATGTGCATCAAGGAATGCCTCCGCCTCTACGCACCGGTAGTA 1140	; PRIOR APPLICATION ; PRIOR FILING DATE:
qq	1197 CAGATGCCTTACACCACGATGTGCATCAAGGAATGCCTCCGCCTCTACGCGTAGTA 1256	; PRIOR APPLICATION ; PRIOR FILING DATE:
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q	1257 AACATATCCCGGTTACTCGACAAACCCATCACCTTTCCAGATGGACGCTCCTTACCTGCA 1316	PRIOR APPLICATION
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a	1317 GGAATAACTGTGTTTATCAATATTTGGGCTCTTCACCACAACCCCTAATTTTGGGCTCTTCACCACAACCCCTAATTTTGGGCTCTTCACCACAACCCCTAAATTTTGGGCTTCTTCACCACAACCCCTAAATTTTGGGCTTCTTCACCACAACCCCTAAATTTTTATCAAACCCTCTTAATTTTAATTTTAATTTTAATTTTAATTTTAATTTTAATTTT	PRIOR APPLICATION
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q	1377 CCTCAGGTCTTTAACCCCTTGAGATTCTCCAGGGAAATTCTGCAAAAATTATTCAAAAAAAA	; PRIOR FILING DATE:
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S 2	1381 GAGTCTAAAGTGGCACTGGCATTAACTCTGCTCCGCTTCAAGCTGGCTCCAGACCACTCA 1440	PRIOR FILING DATE:
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දී දි	1441 AGGCTCCCCAGCCTGTTCGTCAAGTTGTCCTCAAGTCCAAGAATGGAATCCATGTTT 1500 	PRIOR FILING DATE: PRIOR APPLICATION
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